VIKHRIYEV, B.S., kand.med.nauk (Leningrad, Lesnoy pr.,d.4, kv.68);
MATUSEVICH, M.Ya.; FILATOV, V.I., kand.med.nauk

Surgical shock in free skin grafting in burned patients. Nov. khir. arkh. no.2:31-35 Mr-Ap '60. (MIRA 14:11)

1. Kafedra gospital'noy khirurgii (nachal'nik - prof. I.S.Kolesnikov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.
(SKIN GRAFTING) (SHOCK) (BURNS AND SCALDS)

FILATOV, V.I.

Pathogenesis and prophylaxis of contractures in burns. Ortop., travm. i protez. 21 no.11:7-12 '60. (MIRA 14:4)
(BURNS AND SCALDS) (CONTRACTUES)

KOLESNIKOV, I.S.; SHEYNIS, V.N.; VIKHRIYEV, B.S.; FILATOV, V.I.

Organization of work in a specilaized department for the treatment of burns. Vest. khir. 84 no. 4:128-134 Ap '60. (MIRA 14:1)
(BURNS AND SCALDS)

MATUSEVICH, M.Ya.; FILATOV, V.I., kand.med.nauk; NIKANOROVA, A.I.

Anesthesia in bandaging severely wounded patients. Voen.-med. zhur. no.10:47-51 O '61. (MIRA 15:5)
(BURNS AND SCALDS) (ANESTHESIA)

KLYACHKIN, L.M.; FILATOV, V.I., kand.med.nauk

Hemorrhagic diathesis in burn disease. Sov.med. 25 no.12:42-48 D '61.
(MIRA 15:2)

1. Iz Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova.
(BURNS AND SCALDS) (HEMOPHILIA)

FILATOV, V.I.

Blood transfusion in the treatment of burn exhaustion. Probl. gemat.i perel.krovi no.5:37-43 '62. (MIRA 15:8)

1. Iz Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.

(BURNS AND SCALDS) (BLOOD--TRANSFUSION)

FILATOV, V.I., GOLUBEV, T.I.

Feeding by tube in treating patients with severe burns. Vop. pit. 21 no.1:13-18 Ja-F '62. (MIRA 15:2)

1. Iz Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova i zavoda meditsinskikh preparatov Leningradskogo myasokombinata.
(BURNS AND SCALDS) (FEEDING, ARTIFICIAL)

FILATOV, V.I., kand.med.nauk

Clinical aspects, treatment and prevention of burn cachexia. Khirurgiia 38 no.10:15-22 O '62. (MIRA 15:12)

1. Iz Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.
(BURNS AND SCALDS)

FILATOV, V.I.

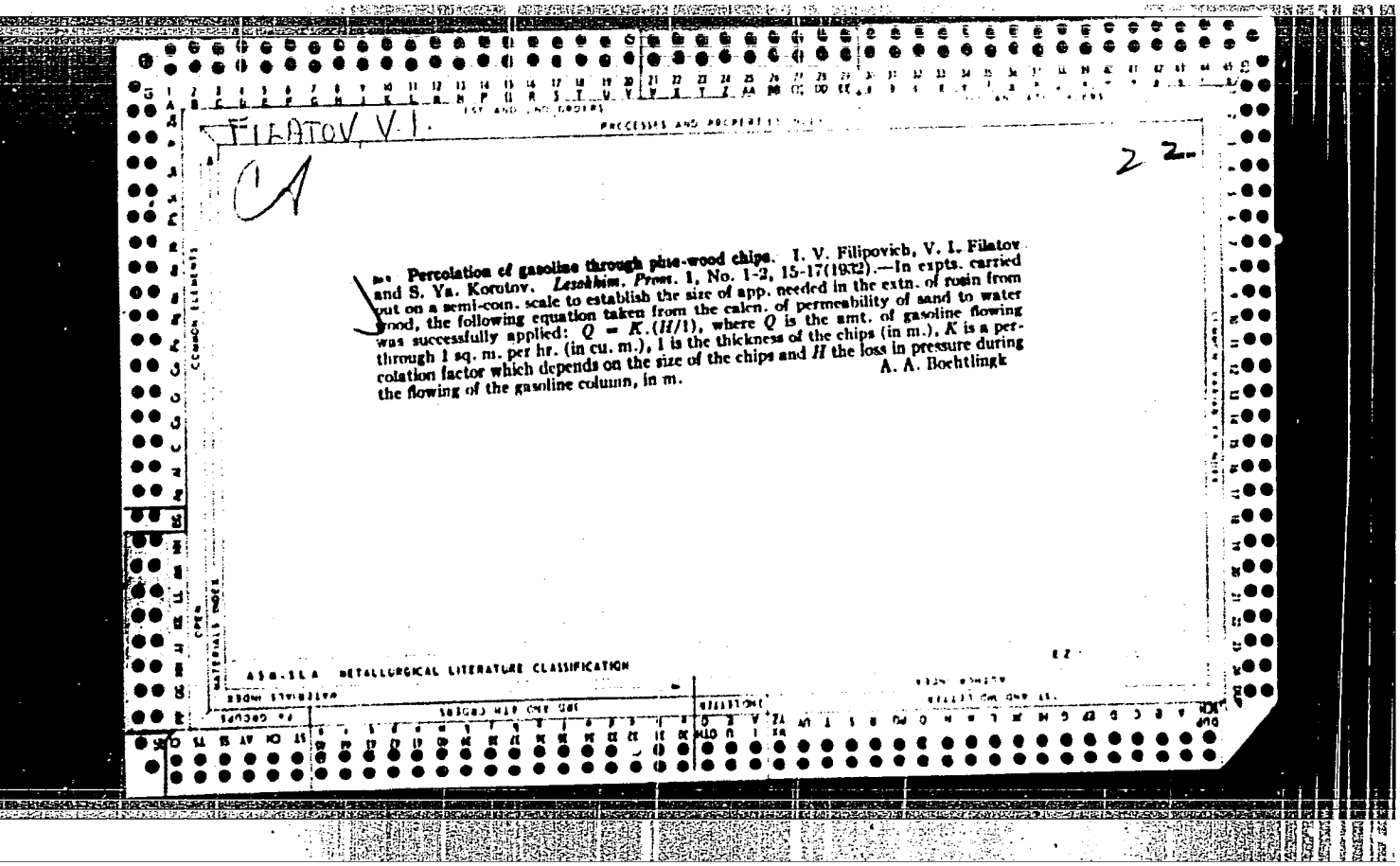
Burns cachexia. Acta chir. plast. 5 no.1:65-74 '63.

1. Department of Thermal Injuries of the Kirov Military Medical Academy, Holder of the Order of Lenin, Leningrad (U.S.S.R.) Director: Prof. T.Y. Aryev.
(BURNS) (CACHEXIA) (SKIN TRANSPLANTATION)

FILATOV, V.I., doktor med. nauk; DANIYELYAN, F.A.

Role of the blood and blood substitutes in the prophylaxis and treatment of burn exhaustion. Probl. gemat. i perel. krovi 9 no.9:22-25 S '64. (MIRA 18:7)

1. Khirurgicheskaya klinika (nachal'nik - prof. T.Ya.Ar'yev) Voyenno-meditsinskoy ordena akademii imeni S.M.Kirova, Leningrad.



FILATOV, V. I.

CA

2 2

Percolation of gasoline through pine-wood chips. I. V. Filipovich, V. I. Filatov and S. Ya. Korotov. *Lesokhim. Prom.* 1, No. 1-2, 15-17(1932).—In expts. carried out on a semi-com. scale to establish the size of app. needed in the extn. of rosin from wood, the following equation taken from the calcn. of permeability of sand to water was successfully applied: $Q = K.(H/l)$, where Q is the amt. of gasoline flowing through 1 sq. m. per hr. (in cu. m.), l is the thickness of the chips (in m.), K is a percolation factor which depends on the size of the chips and H the loss in pressure during the flowing of the gasoline column, in m.

A. A. Boehtlingk

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

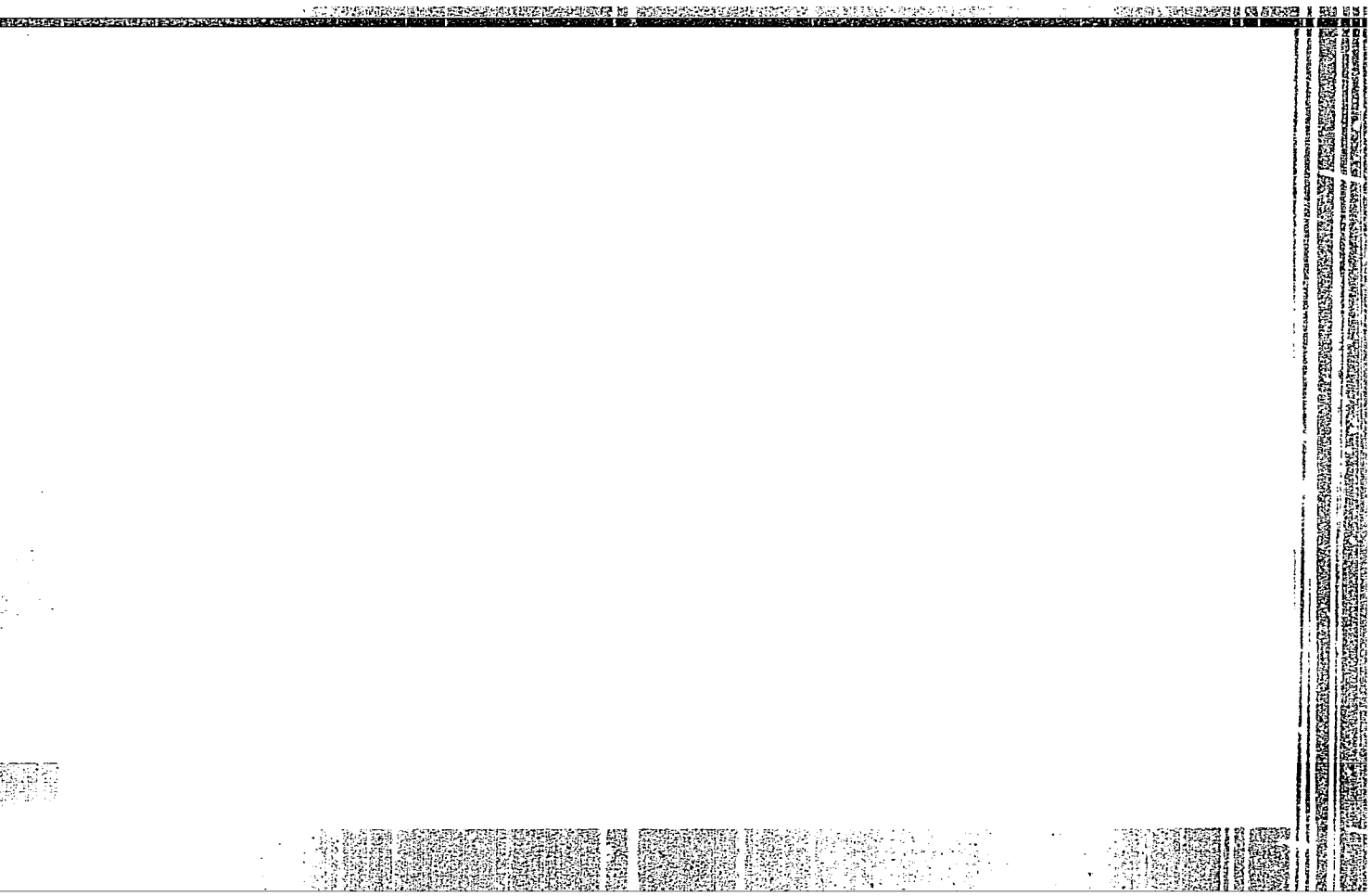
3

Recovery of flotation oil from waste water of the resin-extraction process. V. I. Filatov, G. D. Atangulchukov, and O. I. Chernyaeva. *Gidroliz. i Lesokhim. Prom.* 8, No. 7, 16–18(1955).—Batchwise and continuous dehydration of terpinol hydrate to α-terpineol (I) by the addn. of small quantities of H_2SO_4 or H_3PO_4 (0.05–0.1%) and boiling is reported. The recovered crude I can be applied in flotation. T. Jurecic

FILATOV, V.I.

Using a welding apparatus for warming frozen pipelines. Neftianik 1 no.11:21-22 N '56. (MLRA 9:12)

1. Mekhanik tsekha Yugo-Kamskogo mashinostroitel'nogo zavoda imeni Lepse.
(Petroleum--Pipelines)



APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000413020016-4"

FILATOV, V.I.; ATAMANCHUKOV, G.D.

Battery dephlegmation method with continuous refluxing for the extraction of tar-impregnated stump wood. Sbor. trud. TSNILKHI no.12: 174-177 '57. (MIRA 13:10)

(Wood distillation)

GUSAKOV, V.N.; FILATOV, V.I.; GUSAKOVA, M.V.

Processing of tall oil. Sbor.trud. TSNIILKHI no.13:141-160 '59.
(MIRA 13:10)

(Tall oil)

GURICH, N.A.; FILATOV, V.I.; KOMAROVA, A.N.

Vapor densities of some intermediate products of the wood resin and turpentine industry. Gidroliz.i lesokhim.prom. 13 no.5: 15-17 '60. (MIRA 13:7)

1. TSentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy institut.
(Gums and resins) (Turpentine) (Vapor density)

FILATOV, V.I., inzh.; LYAMIN, V.I., red.

[Problem of investigating the influence of the extent of an ore bed on the effectiveness of its breaking; a scientific report] K voprosu issledovaniia vliianiia protiazhennosti sredy na effektivnost' ee razrusheniia; nauchnyi doklad. Moskva, In-t gornogo dela. 1964. 18 p. (MIRA 18:9)

[illegible], Ya.I., kand. tekhn. nauk; [illegible], ..., [illegible]: [illegible], L.O., inzh.

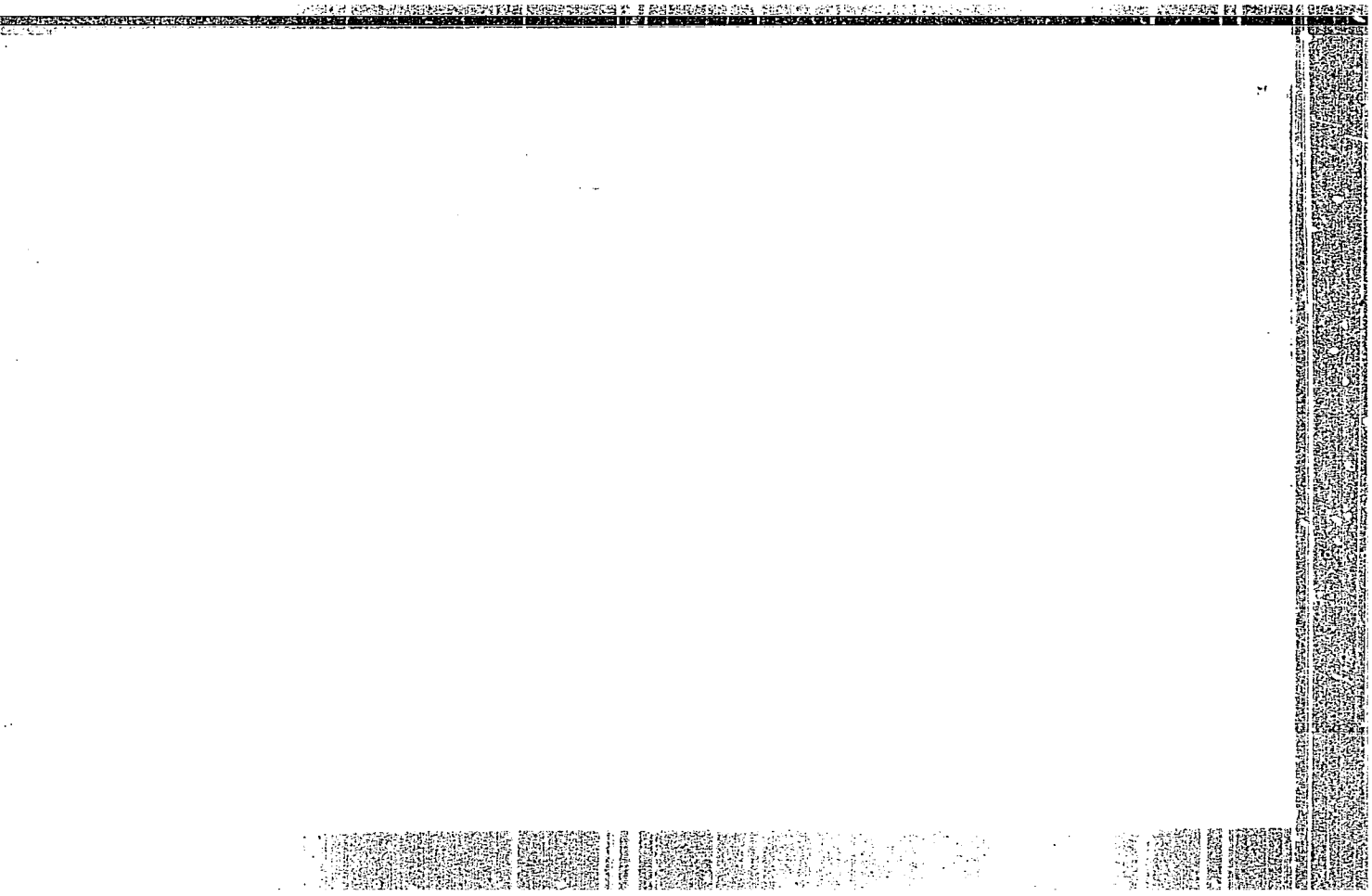
The UDS-1 machine for diffusion bonding in a vacuum.
Svar. proizv. no.6:34-35 Je '65. (MIRA 18:8)

1. Nauchno-issledovatel'skiy i konstruktorskiy institut ispytatel'nykh mashin, priborov i sredstv izmereniya [illegible].

BIBIKOV, Yuriy Stepanovich, inzh.; LEMTYUGOV, Vladimir Ivanovich, inzh.; RUSAK, Aleksandr Matveyevich, inzh. [deceased]; SAVVIN, Igor' Dmitriyevich, inzh.; TAGUNOV, Nikolay Mikhaylovich, inzh.; FILATOV, Vyacheslav Ivanovich, inzh.; KUZ'MIN, V.D., kand. tekhn. nauk, red.

[The TGM1 diesel locomotive] Teplovoz TGM1. Moskva, Transport, 1965. 207 p. (MIRA 18:12)

1. Muromskiy zavod imeni F.E.Dzerzhinskogo (for all except Kuz'min).



APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000413020016-4"

ERMAKOV, Yu.S.; PLATOV, V.M.

Orientation in substitution in the aromatic series. Isomerization of trichlorbenzenes. Izv. vys. ucheb. zav., khim. i khim. tekh. 8 no.1:75-81 '65. (MIRA 18:6)

1. Ivanovskiy khimiko-tekhnologicheskiy institut, kafedra organicheskoy khimii i kafedra elektrotekhniki i teplotekhniki.

L 4492-66 EWT(1)/FCC/EWA(h) GW

ACC NR: AP5024659 SOURCE CODE: UR/0048/65/029/009/1774/1776

AUTHOR: Bazilevskaya, G.A.; Kvashnin, A.N.; Krasotkin, A.F.; Filatov, V.M.; Charakhchyan, A.N.

ORG: Physics Institute im P.N.Lebedev, Academy of Sciences, SSSR (Fizicheskiy institut Akademii nauk SSSR)

TITLE: Radiosonde for measurement of x rays in the stratosphere /Report, All-Union Conference on Cosmic Ray Physics held at Apatity 24-31 August 1964/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v 29, no 9, 1965, 1774-1776

TOPIC TAGS: x ray, stratosphere, secondary cosmic ray, radiosonde

ABSTRACT: There are briefly described two radiosondes for measuring x rays in the stratosphere. Both instruments employ NaI:Tl scintillators and vacuum tube electronics and are battery powered with transistor voltage convertors. The lighter instrument weighs 2.5 kg and records photons with energies above 30-35 keV. The second instrument weighs 6 kg and its threshold is adjustable from 20 to 360 keV by a system of relays, so that photon energy spectra can be recorded. Schematic diagrams are given for both instruments, but not for their power supplies or for the relay system. Altitude versus counting rate curves recorded over Dolgoprudnyy are presented. Orig. art. has: 4 figures.

SUB CODE: NP,OP,EC/ SUBM DATE: 00/ ORIG REF: 002/ OTH REF: 000

Card 1/1

090/0400

NUDEL'MAN, A.I., inzh.; FILATOV, V.P., inzh.

Automatic device for measuring the hardness of feed water. Elek. sta. 34 no.6:31-33 Je '63. (MIRA 16:9)
(Feed water--Measurement)

FILATOV, V.P.; SEMENENKO, P.P.; BARYSHNIKOV, G.I.; GUDOV, V.I.

Rammed open-hearth furnace bottom. Metallurg 7 no.5:16-18 My '62. (MIRA 15:5)

1. Metallurgicheskiy kombinat imeni A.K. Serova.
(Open-hearth furnaces—Maintenance and repair)

FILATOV, V.P.; SEMENENKO, P.P.; BARYSHNIKOV, G.I.; GUDOV, V.I.

Fritting new bottoms in open-hearth furnaces. Metallurg 7 no.8:14-16 Ag '62. (MIRA 15:9)
(Open-hearth furnaces—Maintenance and repair)

FILATOV, V.P.; SEMENENKO, P.P.; BARYSHNIKOV, G.I.; GUDOV, V.I.

Repair of basic open-hearth furnace hearth bottoms by fine-grained refractory powders. Metallurg 7 no.12:11-13 D '62. (MIRA 15:12)

1. Metallurgicheskiy kombinat im. A.K.Serova.
(Open-hearth furances--Maintenance and repair)
(Refractory materials)

SEMENENKO, P.P.; BARYSHNIKOV, G.I.; FILATOV, V.P.; BAS'YAS, I.P.; FREYDENBERG, A.S.; GUDOV, V.I.; TARNOVSKIY, G.A.

Ramming the upper working layer of open-hearth furnace hearths. Metallurg 10 no.4:14 Ap '65. (MIRA 18:7)

FILATOV, V. P., Engineer

"New Gear Cutting Machine," Stanki i Instrument, 10, Nos. 10-11, 1939.

Report U-1505, 4 Oct 1951

FILATOV, V.P.

FILATOV/4V8P64ENG2 600

1. FILATOV, V. P., Engineer

2. USSR (600)

(EMIS) (Experimental Scientific-Research Institute of Metal - Cutting Machine Tools. "P. Sal'mon, Engineer.) Machine Tools, Their Use and Testing" Stanki i Instrument, 12, No. 2, 1941.

9. [redacted] Report U-1503, 4 Oct. 1951

FILATOV, V. P.; KOTNITSKAYA, T. Yu.

Gear-Cutting Machines

Efficient gear cutting. Stan. i instr. 24, No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

FILATOV, V.P.; ROTNITSKAYA, T.Yu.

On exploiting the possibilities of milling cylindrical gears with hobbing cutters. Stan.i instr. 26 no.9:14-17 S '55. (MLRA 9:1)
(Gear cutting)

Filatov, V.P.

AID P - 5186

Subject : USSR/Engineering

Card 1/1 Pub. 103 - 8/24

Authors : Filatov, V. P., and T. Yu. Rotnitskaya

Title : Use of radial incision method for hobbing

Periodical : Stan. i instr., 7, 27-30, Jl 1956

Abstract : The authors analyze and compare the radial method of incision in gear milling with the axial method. They illustrate their research and make practical suggestions. Twelve diagrams.

Institution : None

Submitted : No date

Call Nr: TJ187.M6

Modernization of Gear-Milling and Hobbing Machine Tools. (Cont.)

materials for selection of the means of modernization of gear-cutting machine tools employed by machine-building plants.

COVERAGE: The monograph reviews the basic measures of modernization of gear-milling machine tools. These measures are designed to increase the productivity, precision, and stability of gear-milling machine tools, and also to expand their exploitation potential. The monograph is illustrated with examples of modern machine tool designs and represents in general an attempt to portray the experiences of Soviet and foreign machine-building enterprises. According to the figures of the Central Statistical Administration, the USSR had as of January 1956 approximately 1.76 million machine tool units. The annual production of metal-cutting machine tools is to reach in 1960 about 200,000 units. There are 46 references, of which 26 are USSR and 20 American and English.

Card 2/6

Modernization of Gear-Milling and Hobbing Machine Tools. (Cont.)

TABLE OF CONTENTS

Modernization of Gear-Milling and Hobbing Machine Tools. (Cont.)

Call Nr: TJ187.M6

Modernization of Gear-Milling and Hobbing Machine Tools. (Cont.)

PILATOV, V.P.; PROKOPOVICH, A.Ye., redaktor; TIKHANOV, A.Ya., tekhnicheskiy redaktor; MATVEYEVA, Ye.N., tekhnicheskiy redaktor

[Modernization of gear-cutting machines; a manual of instructions] Modernizatsiia zubofrezernykh stankov; rukovodiashchie materialy. Pod red. A.E.Pokopovicha. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1957. 106 p. (MLRA 10:8)

1. Moscow. Eksperimental'nyy nauchno-issledovatel'skiy institut metallorezhushchikh stankov
(Gear-cutting machines)

18.3200

77448
SOV/133-60-1-9/30

AUTHORS: Filatov, V. P., Semenenko, P.P. (Engineers), Kokarev, N. I. (Candidate of Technical Sciences), and Kapichev, A. G., Aleksandrov, S. F. (Engineers)

TITLE: Smelting High-Quality Open-Hearth Steels Using Moderate and High-Sulfur-Content Mazut

PERIODICAL: Stal', 1960, Nr 1, pp 36-39 (USSR)

ABSTRACT: This is a report concerning the experience of substituting blast furnace gas in open-hearth process by the comparatively cheap high-sulfur-content mazut (Russian petroleum residue used as fuel oil)of Ural-Volga origin. It was established that the successful combustion of high-sulfur-content mazut requires conditions assisting the transition of the sulfur of the fuel into sulfurous anhydride (which is considerably more stable than H_2S, CS_2, and COS) directly at the root of the flame. This can be achieved by careful mixing of air and atomized mazut,

Card 1/9

by short flame combustion of the mixture (in the vicinity of the burner head), or by preliminary gasification of mazut. The conversion of open-hearth furnaces to high-sulfur-content mazut was preceded by the development of the UPI burner heads design (N. I. Kokarev, P. P. Semenenko, and A. G. Kapichev, Industrial-Economic Bulletin, Sverdlovsk Council of the National Economy, TsBTI, 1958, Nr 7). As a result of this work the 25- and 160-ton open-hearth furnaces were converted to high-sulfur-content mazut (2.3-2.8% S). They produced the 20P, 12Kh2N4A, 30KhGSA, 20Kh2N4A, E1366, E194 composition not given, and other steels with sulfur content not over 0.025-0.035% and the metal for acid processing ($\leq$ 0.015-0.020% S) with some decrease of melt duration. Using the experience of the Magnitogorsk Combine, the 160-ton furnace was converted from gas-mazut firing to pure mazut firing without any substantial changes in the design of the lower part or in the "gas head" (see Fig. 1).

Smelting High-Quality Open-Hearth Steels Using Moderate and High-Sulfur-Content Mazut

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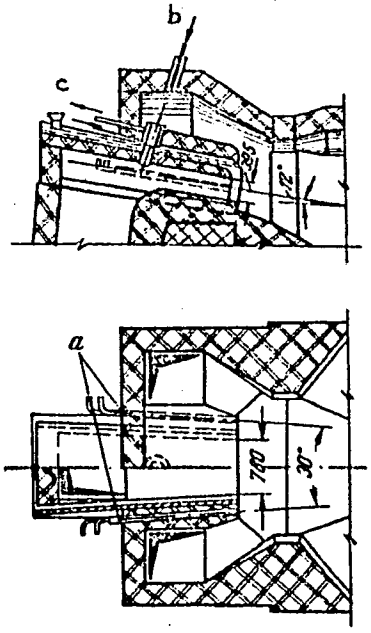

Fig. 1. The head of 160-ton open-hearth furnace for burning mazut without its preliminary gasification. (a) Oil burner UPI-K; (b) compressor air feed; (c) inlet and outlet of water.

Card 3/9

Smelting High-Quality Open-Hearth Steels Using Moderate and High-Sulfur-Content Mazut

77448
SOV/133-60-1-9/30

The mazut oil burners UPI-K were installed in the sides of the former gas port. A high-pressure blower supplied primary air to the "fire head" through former gas regenerator. The secondary air was fed into the furnace through air regenerator. In the same alternate design of the furnace the existing "heads" were used for the first time for gasification of mazut in the gas uptake of the former gas port. The gasification of mazut in the head of 25-ton furnace was adapted since 1958. The air mazut atomized by the compressor (pressure not less than 1.5 atm gage) was delivered by the vertical oil burners (see Fig. 2) to meet with the 1,100° C primary air coming from the former gas regenerator. In the zone where the flows of atomized mazut and hot air meet, an intense combustion takes place, accompanied by the sharp raise of temperature (up to 1,550-1,750° C), evaporating and gasifying mazut.

Card 4/9

Smelting High-Quality Open-Hearth Steels Using Moderate and High-Sulfur-Content Mazut

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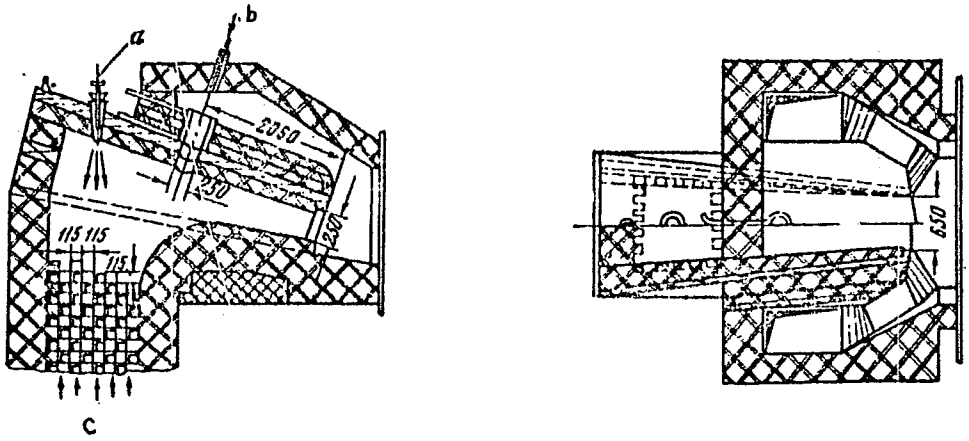

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Card 5/9

See card 6/9 for caption.

Fig. 2. A head of a 25-ton open-hearth furnace for firing with gasified mazut: (a) Oil burner UPI-K; (b) compressed air; (c) primary air (preheated).

The possibility of gasification of mazut permitted the utilization of the high-sulfur-content mazut for smelting of high-quality steels with moderate sulfur content and the accelerated sulfur removal during finishing (see Fig. 3).

Smelting High-Quality Open-Hearth Steels Using Moderate and High-Sulfur-Content Mazut

77448
SOV/133-60-1-9/30

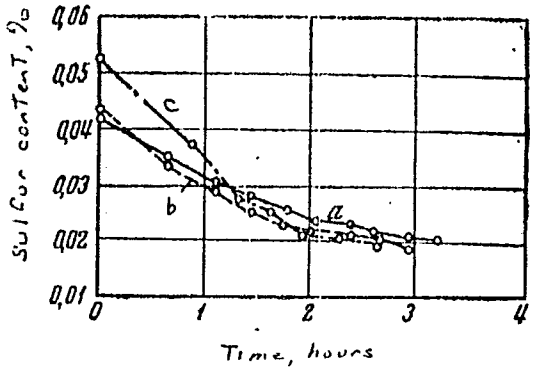


Fig. 3. Curves of desulfurization of metal (charge pig for acid processing) in the course of melting in the 160-ton furnace fired by: (a) mixture of blast furnace gas and mazut (0.8-2.2% S); (b) mazut without gasification (0.9-2.8% S); (c) gasified mazut (0.9-2.6% S).

Card 7/9

Smelting High-Quality Open-Hearth Steels Using Moderate and High-Sulfur-Content Mazut

77448
SOV/133-60-1-9/30

The authors arrived at the following conclusions: (1) The developed method of firing the open-hearth furnaces by moderate and high-sulfur content mazut permits the production of high-quality steels with sulfur content of 0.020 up to 0.035% and the metal for acid processing (charge pig with 0.015-0.020% S). (2) To decrease the transition of sulfur of the fuel into the slag and metal, a high completeness and intensity of combustion should be attained. This provides for transition of sulfur compounds into SO_2 before the contact of gas with the surface of slag and metal. (3) The adapted gasification of mazut can be achieved in former gas uptakes of UPI heads equipped by special injecting devices for increasing the velocity of mazut gas discharge and for the required distribution of the products of combustion over the former gas and air regenerators. (4) The efficiency of combustion of liquid high-sulfur-content mazut directly in the working space

Card 8/9

Smelting High-Quality Open-Hearth Steels Using Moderate and High-Sulfur-Content Mazut

77448
SOV/133-60-1-9/30

of the furnace is somewhat lower than that of gasified mazut. (5) With mazut firing, the productivity of the furnace increases as a result of the increased thermal output of the furnace and improved combustion of fuel. There are 4 figures; 3 tables; and 6 Soviet references.

Card 9/9

FILATOV, Vladimir Petrovich, vrach, Geroy Sotsialisticheskogo Truda; SKORODINSKAYA, V.V., otv. red.; KAVETSKIY, R.Ye., red.; DANILEVSKIY, I.A., red.; KORENEVICH, I.A., red.; MAKARCHENKO, A.F., red.; MERKULOV, I.I., red.; PUCHKOVSKAYA, N.A., red.; NEMCHENKO, Ye.M., red. izd-va; ROZENTSVEYG, Ye.N., tekhn. red.

[Selected works in four volumes] Izbrannye trudy v chetyrekh tomakh. Kiev, Izd-vo Akad. nauk USSR. Vol.2. 1961. 446 p. (MIRA 14:7)
(EYE--DISEASES AND DEFECTS) (CORNEA--TRANSPLANTATION)
(TISSUE EXTRACTS)

FILATOV, Vladimir Petrovich, vrach, Geroy Sotsialisticheskogo Truda; KORENEVICH, I.A., otv. red.; KAVETSKIY, R.Ye., red.; DANILEVSKIY, A.I., red.; MAKARCHENKO, A.F., red.; MERKULOV, I.I., red.; PUCHKOVSKAYA, N.A., red.; SKORODINSKAYA, V V., red.; NERUSH, A.I., red. izd-va; GRUDZINSKAYA, O.S., red. izd-va; ROZENTSVEYG, Ye.N., tekhn. red.

[Selected works in four volumes] Izbrannye trudy v chetyrekh tomakh. Kiev, Izd-vo Akad. nauk USSR. Vol.3. 1961. 368 p. (MIRA 14:7)
(EYE—DISEASES AND DEFECTS) (CORNEA—TRANSPLANTATION)
(TISSUE EXTRACTS)

FILATOV, Vladimir Petrovich, prof.; DANILEVSKIY, I.A., otv. red. toma; KAVETSKIY, R.Ye., red.; KORENEVICH, I.A., red.; MAKARENKO, A.F., red.; MERKULOV, I.I., red.; PUCHKOVSKAYA, N.A., red.; SKORODINSKAYA, V.V., red.; BRAGINSKIY, L.P., red. izd-va; GRUDZINSKAYA, O.S., red. izd-va; ROZENTSVEYG, Ye.N., tekhn. red.

[Selected works in four volumes]Izbrannye trudy v chetyrekh tomakh. Kiev, Izd-vo Akad. nauk USSR. Vol.4. 1961. 431 p. (MIRA 15:9)

(EYE--DISEASES AND DEFECTS) (EYE--SURGERY)

FILATOV, V.S.

Computation of pressure losses in drill pipes, collars and bits.
Neft.khoz.32 no.2:19-23 F '54. (To be concluded) (MLRA 7:2)
(Petroleum--Well boring)

ACC NR: AP6016289 SOURCE CODE: UR/0133/66/000/011/0028/0032

AUTHOR: Sapunkov, A. A. (Engineer); Kriulin, A. [illegible] (Candidate of technical sciences); [illegible] (Engineer); Tsybin, V. S. (Engineer); Filatov, [illegible] (Engineer)

ORG: none

TITLE: [illegible] expanding the friction drive parts of transportation machinery

SOURCE: Vestnik mashinostroyeniya, no. 11, 1964, 28-32

TOPIC TAGS: mechanical engineering, mechanical power transmission device, cermet [illegible], ceramic coating, nonmetal wear resistance

Abstract: Friction discs made of 65G steel (HRC32-41), discs with cermet [illegible] coating are compared. The 65G steel has a [illegible] low coefficient of friction stability whereas the [illegible] are [illegible]

Card 1/2

L 53621-65

ACCESSION NR: AP5016249

is low when they are run in oil against 65G steel discs, but the friction drive stability and anti-grab properties of these discs are high. This type of disc has a low resistance to wear, and the cermet tends to form a [illegible] of cermet are expensive [illegible]

[illegible] not preferable for discs with [illegible] up to 1-2 m/sec and [illegible] conditions, such discs are more resistant to wear, have a higher coefficient of friction and are less expensive than cermet. Nitriding is also preferable for friction drive parts [illegible] the anti-seizing properties are sharply improved, the process is facilitated and the coefficient of friction is more stable. However, the depth of the sulfocyanide layer obtained under the usual conditions for this process is not sufficient for assurance of high operational properties under protracted working conditions. Orig. art. has 2 figures and 3 graphs.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: MT, IE

NO REF SOV: 004 OTHER: 000 JPRS

Card 2/2

PEREL'MAN, F.Ya.; FILATOV, V.V.

Mobile water-pumping unit for seasonal pastures. Biul.tekh.-ekon. inform no.5:60-62 '58. (MIRA 11:7)
(Pumping machinery)

PEREL'MAN, F.Ya.; FILATOV, N.V.

Movable pumping equipment for seasonal pastures. Trakt. i sel'khozmash. no.11:37-39 N '58. (MIRA 11:11)
(Pumping machinery) (Cattle--Watering)

TURKEL', L.G.; FILATOV, V.V.; FAT'YANOV, P.G.; ROZIN, M.A., red.; SOKOLOVA, N.N., tekhn. red.

[Laboratory and practice lessons on grain and specialized combines] Laboratorno-prakticheskie zaniatiia po zernovym i spetsial'nym kombainam. Moskva, Sel'khozizdat, 1963. 366 p. (MIRA 16:10)

(Combines (Agricultural machinery))

37792

21.6000

S/120/62/000/002/016/047
E140/E163

AUTHORS: Bolotov, V.N., Devishev, M.I., Filatov, V.V., and Shmeleva, A.P.

TITLE: Multichannel pulse amplitude analyser for ionisation calorimeter

PERIODICAL: Pribory i tekhnika eksperimenta, no.2, 1962, 66-70

TEXT: The ionisation calorimeter is the basic instrument for determining energy of hyper-rapid particles ($E \geqslant 10^{11}$ eV) present in cosmic rays. The authors' calorimeter consists of 130 ionisation chambers with capacitive memories and output by means of a mechanical commutator. An electromagnetic oscillograph is used for registering the results on a photographic strip 120 mm in width. The dynamic range required for the record for a given chamber is of the order of 200:1, with a precision of 15% near the lower limit (20 relativistic particles). The amplifier (vacuum tube) and control circuits of the instrument are described in some detail. Two traces are photographed, apparently in the ratio of 11:1

Card 1/2

Card 2/2

L 27538-66

ACC NR: AP6007497 SOURCE CODE: UR/0109/66/011/002/0202/0210

AUTHOR: Dorfman, L. G.; Filatov, V. V.

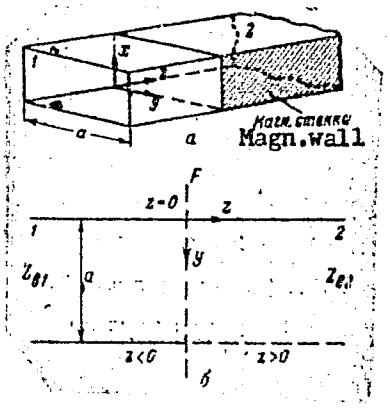
ORG: none

TITLE: Dispersion factors due to step change of electric characteristics of the narrow wall of a rectangular waveguide

SOURCE: Radiotekhnika i elektronika, v. 11, no. 2, 1966, 202-210

TOPIC TAGS: waveguide, electromagnetic wave dispersion

ABSTRACT: This is a further development of E.L. Johansen's problem (IRE Trans., 1962, MTT-10, 1, 26) of the electromagnetic-wave dispersion at the junction of two waveguides whose walls have different impedances. The present article gives an exact solution of the problem of discontinuity caused by a junction between two waveguides (see figure), one narrow wall of one of them being made from a magnetic material. The Wiener-Hopf method is used for solving the problem.



Junction between two waveguides

Card 1/2 UDC: 621.372.822.09:519.21

L 27538-66
ACC NR: AP6007497 0

One practical application of the problem is the waveguide slit bridge. It is found that the moduli of reflection and transmission factors depend only on the dominant-mode propagation constants in each waveguide; higher modes affect only the phases of the dispersion factors. This fact permits using two uniform transmission lines (with characteristic impedances equal to the respective impedances of the waveguides) as an equivalent circuit for solving the problem. Orig. art. has: 7 figures, 38 formulas, and 1 table.

SUB CODE: 09 / SUBM DATE: 23Oct64 / ORIG REF: 004 / OTH REF: 002

Card 2/2 BLG

40698

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S/169/62/000/008/065/090
E032/E114

AUTHOR: Filatov, V.V.

TITLE: Drift of irregularities in the F2-layer

PERIODICAL: Referativnyy zhurnal, Geofizika, no.8, 1962, 7-8, abstract 8 G 55. (In the Symposium: 'Ionosfern. issledovaniya. no.9' ('Ionosphere Studies no.9'), M., AN SSSR, 1961, 69-74). (abstract in English)

TEXT: A description is given of results of observations of the drift of fine-scale irregularities of the F2-layer, which were carried out at the Polyarnyy geofizicheskiy institut (Polar Geophysical Institute) AS USSR at Loparskaya (Murmansk) between November 1958 and December 1960 inclusive. The experiments were carried out by the method of spatially separated reception with a short base. Data on the velocities and directions of drift are given in the form of graphs and tables. Inspection of the latter shows that in the winter the drift direction is mainly western, while in the summer it is eastern in the first half of the day and western during the remaining twelve hours.

Card 1/2

Drift of irregularities in the ... S/169/62/000/008/065/090
E032/E114

In the spring and autumn no regular behaviour of the drifts was observed. Drifts in the western direction were observed during the summer in the F1-layer. The arithmetic mean of the drift velocities in the F2-layer during the winter, summer, spring and autumn was found to be 105, 110, 130 and 162 m/sec respectively. It is noted that the predominant drift directions in the F-region coincide with the direction of the current giving rise to S_q - variations in the geomagnetic field.

[Abstractor's note: Complete translation.]

Card 2/2

[redacted], L.G.; FILATOV, V.V.

Leakage factors due to stepwise variation of the electrical properties of a narrow wall of a rectangular waveguide. Radiotekh. i elektron. 11 no. 2:202-210 F '66 (MIRA 19:2)

1. Submitted October 23, 1964.

FILATOV, Ya.V.

Induction high-frequency heating for hardening cutters used in footwear production. Leg.prom. 16 no.5:47-48 My '56. (MLRA 9:8)
(Shoe industry) (Kiev--Leather--Machinery)

SOV/137-59-5-11416

Translation from: Referativnyy zhurnal, Metallurgiya, 1959, Nr 5, p 276 (USSR)

AUTHOR: Filatov, Ya.V.

TITLE: Tempering of Carbon Steel With Induction Heating

PERIODICAL: Tr. Kiyevsk. tekhnol. in-ta legkoy prom-sti, 1958, Nr 10, pp 212 - 214

ABSTRACT: The author investigated conditions of high-frequency induction heating and the structure and hardness of U8 steel after quench-hardening and tempering. Heating of specimens for quench hardening and tempering was carried out in a multiturn inductor. Heating conditions provided a through-hardening of the specimens. $t_{q.h.}$ = 920°C was chosen at a heating rate of $v_{q.h.}$ = 184 degrees/sec, and $v_{temp.}$ = 115 - 750°C degrees /sec in a large range of annealing temperatures (80° to 300°C). The specimens were water-cooled for quench hardening and tempering. With high-frequency quench hardening, a latent crystalline martensite structure with weakly pronounced areas of residual austenite was obtained.

Card 1/2

Tempring of Carbon Steel With Induction Heating SOV/137-59-5-11416

Orientation and direction of martensite crystals reproduce the pattern of the initial structure, namely lamellar perlite. Electric tempering of "48" grade steel at v_{temp} = 750 degrees/sec and a temperature of 200° - 220°C, increases hardness of specimens and does not change the general aspect of the microstructure making it clearer and more regular. Highest H_V = 992 was obtained at a tempering temperature of 205°C and $v_{temp.}$ = 750 degree/sec.

B

A.B.

Card 2/2

FILATOVA, Ye.A.

Incidence of plane waves on a boundary consisting of vacuum and a nonuniform absorbing medium. Izv.vys.ucheb.zav.; radiotekh. 7 no.5:597-602 S-O '64. (MIRA 18:4)

SMUL'SKIY, I.Ya.; FILATOV, Yu.I.

New data on the structure and characteristics of the localization of mineralization in the Kadaya ore zone. Izv.vys.ucheb.zav.; geol. i razv. 8 no.10:86-91 O '65. (MIRA 19:1)

1. Moskovskiy geologorazvedochnyy institut imeni Ordzhonikidze.

GAS'KOV, L.M., kand. ekonom. nauk; KOMKOV, Ya.G., kand. tekhn. nauk; OZEROV, A.S.; FILATOV, Ye.V.

Characteristics of the transportation of whale and vegetable oils in merchant marine tank vessels. Trudy TSNIIMF no.52: 64-77 '63 (MIRA 18:1)

AVDEYEV,T.K., inzhener; RYUKIN,I.M., inzhener; FILATOV,Ye.Ya., inzhener

Industrial buildings with precast reinforced concrete frames.
Stroi. prom. 33 no.5:16-18 My '55. (MLRA 8:6)
(Precast concrete construction)

8(2) SOV/32-25-3-42/62

AUTHORS: Sinyuk, I. I., Filatov, Ye. Ya.

TITLE: Protection of Wire Pick-up Units Against the Influence of Moisture of the Surrounding Medium (Zashchita provolochnykh datchikov ot vliyaniya vlagi okruzhayushchey sredy)

PERIODICAL: Zavodskaya Laboratoriya, 1959, Vol 25, Nr 3, pp 360-361 (USSR)

ABSTRACT: A method is described for the purpose of protecting pick-up units against the influence of moisture and changes in temperature. This method consists in sticking a rubber foil onto the element and then this rubber protection is vulcanized. The above mentioned elements are used in the case of dynamic testing of the terrain on frames of combine harvesters, S-4, plows PL5-25, and tractors DT-54. In order to secure a good electric insulation rubber mixtures with a 3% soot content must be used. The following working technique is recommended: as basis for the element a rubber foil is glued by using the gluer 88 or BF-4 (the former has a particular adhesiveness). Then the wire pick-up unit is glued to the basis by means of the gluers BF-2 or BF-4 (Fig 1), and finally the element is covered by rubber under consideration of the wires. The

Card 1/2

Protection of Wire Primary Elements Against the Influence of Moisture of the Surrounding Medium

elements thus insulated are put into an oven and the rubber insulation is vulcanized (Fig 2). The tests of the wire pick-up units thus protected had under the most different conditions in all cases positive results. There are 2 figures.

ASSOCIATION: Institut mashinovedeniya Akademii nauk Ukrainskoy SSR (Institute of Mechanical Engineering of the Academy of Sciences, UkrSSR)

MALYAREVSKIY, A.A.; FILATOV, Yu.M. (Moskva)

Differential diagnosis of tumors of the Tuberculum sellae turcicae and optochiasmic arachnoiditis. Vop.neirokhir. 24 no.5:25-29 S*O '60. (MIRA 13:11)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni institut neyrokhirurgii imeni akad. N.N. Burdenko AMN SSSR.
(PITUITARY FOSSA--TUMORS) (MENINGITIS)

YEGOROV, B.G., prof.; KONOVALOV, Yu.V., prof.; FILATOV, Yu.M. (Moskva)

Trigeminal neuralgia as an initial symptom of the appearance of neurinoma of the 8th nerv. Vop.neirokhir. 25 no.1:43-49 '62. (MIRA 15:1)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni institut neyrokhirurgii imeni N.N. Burdenko AMN SSSR.
(NEURALGIA, TRIGEMINAL) (ACOUSTIC NERVE--TUMORS)

FILATOV, Yu.M. (Moskva)

Suprasellar aneurysms with clinical manifestations of arachnoid endothelioma of the tuberculum of the Scella turcica. Vop. neirokhir. 26 no.5:12-17 S-O'62 (MIRA 17:4)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni institut neyrokhirurgii imeni akademika N.N. Burdenko AMN SSSR.

L 25370-65 EWT(d)/EWT(m)/EWP(w)/EWP(f)/EWP(c)/EWP(v)/EPR/T/EWP(t)/EPA(sb)-2/EWP(1)

ACCESSION NR: AR5003525 S/0285/64/000/011/0015/0015

SOURCE: Ref. zh. Turbostroyeniye. Otd. vyp., Abs. 11.49.71

AUTHOR: Dinayev, Yu. N.; Ozimov, P. L.; Filatov, Yu. N.

TITLE: Study of the intake units of radial turbines

CITED SOURCE: Tr. Tsentr. n.-i. avtomob. i avtomotorn. in-ta, vyp. 64, 1964, 25-56

TOPIC TAGS: inlet screen, radial gas turbine, inlet guide vane, turbine engine test

TRANSLATION: The line diagram of a device for static studies of gratings for the vanes of radial turbines is given. Guide vane assembly gratings differing in contour shape, thickness of the trailing edge, relative spacing and angle of installation were studied. The geometric characteristics of test[illegible] are given. [illegible] from a test stand for radial [illegible] system. Several types of vaneless intake units were studied. Their geometric characteristics are given. Some of the results of experiments are given as well as recommendations.

Card 1/2

L 25370-65
ACCESSION NR: AR5003525

SUB CODE: PR ENCL: 00

Card 2/2

1. FILATOVA, A.

2. USSR (600)

4. Coal Mines and Mining - Study and Teaching

7. Technical training for Kemerovo miners, Mast.ugl. 2 no. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

AUTHORS: Vardanyan, M. S., Filatova, A. A. 64-58-3-15/20

TITLE: The First Results of the Introduction of the Seven-Hour Working Day in the Kuskov Chemical Plants (Pervyye itogi perekhoda Kuskovskogo khimicheskogo zavoda na semichasovoy rabochiy den')

PERIODICAL: Khimicheskaya Promyshlennost', 1958, Nr 3, pp 56-57 (USSR)

ABSTRACT: In the above-mentioned plants it was decided to try the seven-hour working day based on new salary conditions from October 1, 1957. A table of the changes in payment is given as well as a graphical representation of the standard output of various productions from the last quarter of the year 1957. The change to this new working method was carried out by party and work organizations under collaboration of the workers' and employees' association whereby agitators led the campaign to introduce the new tariff system. Besides the mentioned innovations also some improvements of the technological process of the polystyrene, "vinifleksos", of the production of plastifi-

Card 1/2

cizers, etc., were carried out. Data on the various results of success are listed, as regards production and also the change of the payment conditions. There are still some improvements to be expected as well with regard to the technical standards as with the premium system. In order to achieve a further rise of performance a plan was elaborated for 1958 under consideration of each department which should bring about the due realization of the plan for 1958 and raise the efficiency.

1. Chemical industry--USSR 2. Industrial plants--Management
3. Industrial plants--Standards 4. Employee relations

FILATOVA, A. A.

"Mapharsen in the Therapy of Syphilis," Vest. venerol. i dermatol., No.1, 1948

Clinical Venereological Hosp., Tashkent Metropolitan Health Dept.

FILATOVA, A.A.

AKOVBYAN, A.A., professor; ZOTOVA, M.E.; FILATOVA, A.A.; TIKHONOV, V.P.

Ekmonovocillin in the treatment of syphilis. Vest. ven i derm. no.4: 46-48 Jl-Ag '54. (MLRA 7:8)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. prof. A.A. Akovbyan) Tashkentskogo meditsinskogo instituta imeni V.M.Molotova.

(PENICILLIN, derivatives,
*procaine penicillin, ther. of syphilis, with ekmolin)
(SYPHILIS, therapy,
*penicillin, procaine, with ekmolin)
(ANTIBIOTICS, therapeutic use,
*ekmolin in syphilis, with procaine penicillin)

FILATOVA, A., URINTSEVA, R. and GOLUBEV, N.

"Ways for the Liquidation of Taeniases in Crimea Oblast'."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October, 1959, Vol, II., Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Crimean Scientific Research Station for Veterinary and Epidemiology Station (Simferopol')

FILATOVA, A.D., starshiy nauchnyy sotrudnik; GORDINA, N.L. (Khar'kov)

Vibration neuritis among shoe factory workers. Vrach.delo no.1: 25-29 '60. (MIRA 13:6)

1. Otdel nevrologii (zav. - prof. L.B. Litvak) Ukrainskogo nauchno-issledovatel'skogo psikhonevrologicheskogo instituta.
(SHOEMAKERS--DISEASES AND HYGIENE) (NEURITIS)

LITVAK, L.B., prof.; FILATOVA, A.D.

Parkinzan therapy for patients with parkinsonism. Sov. med. 24 no. 2:125-129 F '60. (MIRA 14:2)

1. Iz otdela nevrologii (nauchnyy rukovoditel' - prof. L.B. Litvak) Ukrainskogo nauchno-issledovatel'skogo psikhonevrologicheskogo instituta (direktor P.I. Kovalenko).
(PARALYSIS AGITANS) (MUSCLE RELAXANTS) (PIPERIDINE PROPANOL)

RAUTENSHTEYN, Ya.I.; MISYUREVA, N.G.; KRONGAUZ, Ye.A.; FILATOVA, A.D.

Lysis of Bacillus megatherium caused by phages in the production of phosphorobacterin. Mikrobiologiia 29 no. 4:571-580 Jl-Ag '60. (MIRA 13:10)

1. Institut mikrobiologii AN SSSR i Pervyy moskovskiy zavod bakterial'nykh preparatov.
(BACILLUS MEGATHERIUM) (BACTERIOPHAGE)

FILATOVA, A.D., starshiy nauchnyy storudnik

Use of the new drug elatin in the clinic for nervous diseases. Vrach. delo no. 3:72-75 Mr '61. (MIRA 14:4)

1. Otdel nevrologii (nachnyy rukovoditel' - zasluzhennyy deyatel' nauki prof. L.B. Litvak) Ukrainskogo psikhonevrologicheskogo instituta.

(CURARELIKE SUBSTANCES) (MUSCLES--DISEASES)

FILATOVA, A.D.

Pathogenetic variants of Brown-Séquard syndrome in the clinical aspects of tumors of the spinal cord. Vop. neirokhir. no.5:54 '64. (MIRA 18:10)

1. Otdel nevrologii (nauchnyy rukovoditel' - prof. V.P.Livak) Ukrainskogo nauchno-issledovatel'skogo psikhonevrologicheskogo instituta, Khar'kov.

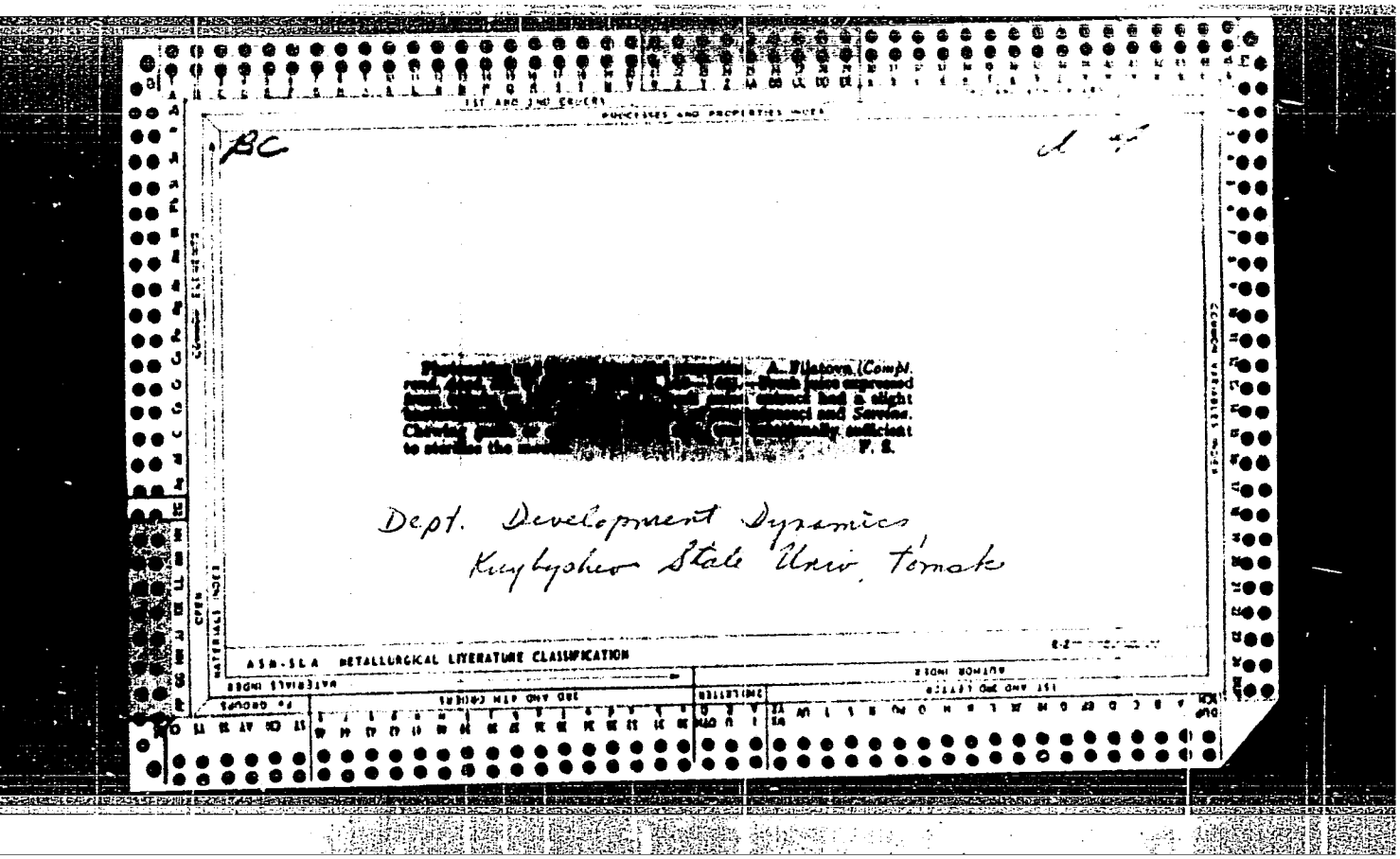
FILATOVA, A. G. and LAVRENTSEV, B. Ya.

"Histology of Nerves and Ganglions in Throat and Lung Tuberculosis,' Virchow's-Arch. Path., Anat. & Physiol. Vol. 1, No. 10 P. 286. 1932.

Inst. Morphol., I Med. High School and/or Tuberculosis Inst. Moscow.

[illegible], A. [illegible].

"O sterilizuyushchikh svoistvakh efirnykh masel rastenii," Byulleten' Eksperimental'noi biologii i meditsiny, vol X(1940), no. 5, pp. 393-395.



FILATOVA, A.

Mbr., Laboratory of the Dynamics of the Development of Organisms, Institute of Experimental Medicine, Academy of Medical Sciences, Leningrad, -1947-

"Regenerative Ability of Animals with Grafted and Spontaneous Swellings," Dok. AN, 58, No. 9, 1947.

FILATOVA, A. PA 43/ 43T48

USSR/Medicine - Skin, Regeneration 11 Jan 1948
Medicine - Growth

"Growth-Inducing Substances and Regeneration," A. Filatova, Lab Growth Dynamics, Inst Experimental Med, Acad Med Sci, 4 pp

"Dok Akad Nauk SSSR, Nova Ser" Vol LIX, No 2

Discusses effect of growth-inhibiting substances of the spleen tissues on live skin wounds, effect of growth-inducing substances on regeneration of skin in animals without spleens, and effect of the extract of malignant tumors on healing skin wounds. Submitted by Academician I. I. Shmal'gauzen, 18 Sep 1947.

43T48

VARDANYAN, M.S.; FILATOVA, A.A.

Initial results of the change-over to a seven hour day at the Kuskovo Chemical Plant. Khim. prom. no.3:184-185 Ap-My '58.
(Hours of labor) (Chemical industries) (MIRA 11:6)

FILATOVA A. G

Mbr., Lab. Dynamics Growth, Dept. General Morphology,
Inst. Exptle Med., Dept. Medico-Bioli Sci., Acad. Med. Sci., -c1948-.
"Retardation of Regeneration Processes by Substances Causing Cancer," Dok.AN, 59,
No. 3, 1948.

FILATOVA, A. G.

FILATOVA A. G.

Patomorfologiia vkusovoi innervatsii iazyka pri tuberkuleze dykhatel'nykh putei. /Patomorphology of gustatory innervation of the tongue in tuberculosis of the respiratory tract./ Arkh. pat., Moskva 12:4 July-Aug 50 p. 49-53.

1. Of the Laboratory of Neurohistology imeni B. I. Lavrent'yev of the Institute of Normal and Pathological Morphology (Director -- Academician A. I. Abrikosov) of AMS USSR and of the Moscow Oblast Tuberculosis Scientific-Research Institute (Director -- Prof. N. N. Grinchar, deceased), Moscow

CLML 19, 5, Nov 50

FILATOVA, A.G.

Pavlovian theory on analysors in clinical tuberculosis of the respiratory tract. Probl. tuberk., Moskva No. 1:15-20 Jan-Feb 52. (CIML 21:5)

1. Of the Laryngological Division (Head—Prof. A.N. Voznesenskiy), Moscow Oblast Scientific-Research Tuberculosis Institute (Director—Prof. F.V. Shebanov).

TOKIN, B.P.; FIIATOVA, A.G.

Fluid in the blastocyst. Doklady Akad. nauk SSSR 90 no.5:941-944 11 June 1953. (CIML 25:1)

1. Presented by Academician K. M. Bykov 15 April 1953. 2. Leningrad State University imeni A. A. Zhdanov; Institute of Experimental Medicine of the Academy of Medical Sciences USSR.

TOKIN, B.P.; FILATOVA, A.G.

Rabbit egg and bacteria; data on the problem of immunity of embryo. Doklady Akad. nauk SSSR 90 no.6:1195-1198 21 June 1953. (CLML 25:1)

1. Presented by Academician K. M. Bykov 15 April 1953. 2. Leningrad State University imeni A. A. Zhdanov; Institute of Experimental Medicine of the Academy of Medical Sciences USSR.

TOKIN, B.P.; FILATOVA, A.G.; BYKOV, K.M., akademik.

New facts for the judgment of the significance of the amniotic liquid in mammals. Dokl.AN SSSR 91 no.3:699-702 Jl '53. (MLRA 6:7)

1. Leningradskiy gosudarstvennyy universitet imeni A.A.Zhdanova (for Tokin and Filatova). 2. Institut eksperimental'noy meditsiny Akademii meditsinskikh nauk SSSR (for Tokin and Filatova). 3. Akademiya nauk SSSR (for Bykov). (Amniotic liquid)

TOKIN, B.P.; FILATOVA, A.G.; BYKOV, K.M., akademik.

Bactericidal properties of the rabbit ovum. Dokl.AN SSSR 91 no.4:985-988 Ag '53. (MLRA 6:8)

1. Akademiya nauk SSSR (for Bykov). 2. Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova (for Tokin and Filatova). 3. Institut eksperimental'noy meditsiny Akademii meditsinskikh nauk SSSR (for Tokin and Filatova).
(Ovum)